

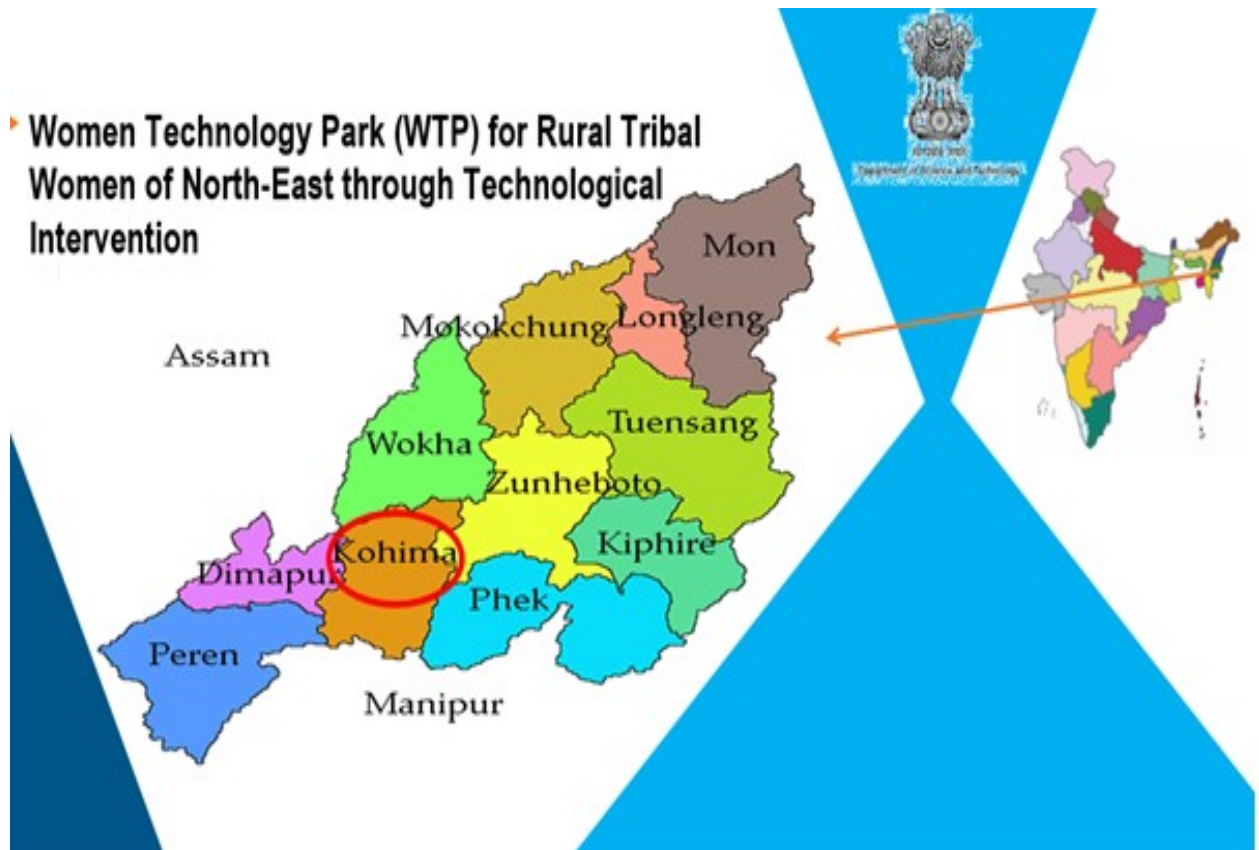
**Annual Progress Report  
2023-24**

**On**  
**Women Technology Park**  
*SEED Project No: SEED/WS/2019/419*

**Submitted To**  
**Department of Science & Technology**  
**SEED Division, New Delhi**

**Submitted By**  
**Dr Sandip Ratna, Project Investor**  
**State College of Teacher Education**  
**Kohima, Nagaland**  
**797001**

## LOCATION OF THE PROJECT



**SCIENCE FOR EQUITY EMPOWERMENT & DEVELOPMENT (SEED)  
PROGRAMME**

**PROFORMA FOR ANNUAL REPORT**

**A. SUMMARY SHEET**

1. TITLE OF THE PROJECT: Women Technology Park (WTP) for Rural Tribal Women of North-East through Technological Intervention
2. PI & ORGANISATION: Dr Sandip Ratna, State College of Teacher Education, Kohima, Nagaland
3. DATE OF START: 23rd Feb 2022
4. DATE OF COMPLETION: 31<sup>st</sup> March 2025
5. TOTAL COST OF THE PROJECT: Rs 44, 68,807
6. STAFF SANCTIONED: 1
7. TOTAL EXPENDITURE: Rs 3216650
8. EQUIPMENTS ACQUIRED, IF ANY: Yes, as per the Approved List
9. SUMMARY OF PROGRESS MADE:  
Till 31<sup>st</sup> March 2024, a total of 107 trainee has completed training and certified.
  1. Two Batches on Mushroom Grower has completed and certified
  2. Three Batches on Sewing Machine Operator has completed the course and certified.
  3. One SHG formed and supported to start sewing trade.
  4. A knowledge centre for students, community members for disseminating information related to induced skills.Details of number of trainees completed & Certified.  
Total= 107  
Mushroom Grower= 34  
Sewing Machine Operator= 73
10. MAJOR OUTCOMES & OUTPUTS OF THE PROJECT  
Certification for the acquired skills and establishment of one SHG by the unemployed tribal women to start their entrepreneurship.

## **B. DETAILED REPORT**

### **1. INTRODUCTION (NEED IDENTIFICATION \* S&T NEEDS IN PROPOSED AREA OF INTERVENTION) :**

The Women Technology Park (WTP) at State College of Teacher Education, Kohima, Nagaland is funded and sponsored by Department of Science & Technology, SEED Division, New Delhi under the scheme Innovation, Technology Development and Deployment . A total budget allocation is Rupees 44, 68,807 for three years of time. Out of which Rupees 19, 78,793 (Capital = Rupees 8,27,836 and General=Rupees 11, 50, 957) is released as a first installment and Rs 12, 37,857 is released under General Components as a second installment.

The prime target population of the project are educated unemployed ST women of the Nagaland state and student-teachers undergoing B.Ed programme at SCTE-Kohima to develop skill on the selected trades with innovation, scientific intervention to have a sustainable trade for their earn for leaving.

### **2. OBJECTIVES (AS APPROVED IN THE PROJECT):**

Following are the prime objectives of the project

- i. To serve as a basis for the promotion and popularization of improved technologies in weaving and mushroom cultivation for educated unemployed women engaged to earn a living.
- ii. To serve as a platform for the technology information pool, documentation and highlighting issues related to women's technological needs.
- iii. To upgrade indigenous knowledge and technology prevalent among the tribal women of the state.
- iv. To provide skill development and a guide to establish small and medium entrepreneurship.
- v. To provide access to product marketing through marketing agencies, encourage SHG, entrepreneur.

### **3. PROJECT AREA(VILLAGE, BLOCK, TOTAL AREA COVERED etc.)**

This project is covering all the 16 districts of Nagaland and Sanapati district of Manipur along with student Teachers undergoing B.Ed course. Unemployed ST women from all the districts are identified and given counselling or a seminar is conducted to understand importance of acquiring skill.

### **4. COMMUNITY BACKGROUND (CASTE, OCCUPATION): 200 words**

Apart from the B.Ed student teachers unemployed tribal women are part of the target group. The identified women are educated unemployed tribal women. Most of the women are

unemployed and are engaged in domestic help or work as seasonal help for farming on others land. The community women have no fixed earning or very nominal seasonal earning.

Annual report of Nagaland - NITI Aayog report ([https://niti.gov.in/writereaddata/files/Nagaland\\_Report\\_0.pdf](https://niti.gov.in/writereaddata/files/Nagaland_Report_0.pdf), 2018) Page No 7 – 10 & 13-16, has pointed out the potentiality but expresses about importance of training and technological intervention necessary in the field of Horticulture and Handicraft.

**5. METHODOLOGY FOLLOWED (SURVEY; MOBILIZATION; TECHNOLOGY IDENTIFICATION; TRANSFER & ADOPTION; DEMONSTRATION & TRAINING COMPONENT, ETC.):**

The locally handmade weaving product like *Naga Shawl, Coat, Beg, Tie* etc has very high demand in and outside of the state. Due to low production and non-engagement of the local women, there is always less production comparing to the demand in the market leading to high cost of the product. The mushroom has very high demand and climate is in the favor of its production but due to lack of adoption of scientific method the production level is very limited.

We are Teacher Education Institute provide B.Ed courses on Teacher professional development. EPC (Enhancing Professional Capacities) and Nai Talim are some of the newly introduced papers where along with core papers. Subjects like Music, Fine Art, Handicraft, Horticulture etc also integral focus areas of the course along with serving for the community by adopting nearby villages in their production and helping in marketing.

Hence, Weaving and Mushroom cultivation were long time demand of the programme and the student trainees here. Also, this centre will act like a knowledge centre for students, community members. Experts from different skills are engaged for rendering skill training

**6. TECHNICAL BACK-UP SUPPORT AND LINKAGES ESTABLISHED WITH S&T INSTITUTIONS:**

List of experts who imparted training with contact details, email ids & telephone numbers

1. Ms Sungjemkala Imchen  
Email: jemajem19@gmail.com  
PhNo: 9366071416

2. Dr Imsusang Longkumer  
Konger Agritech  
Email: sosang12@gmail.com  
PhNo: 9612152202

3. Dr Monoj Kr. Patil  
NIIT, Dimapur

Email: mkpibt@gmail.com

PhNo: 9402428776

4. Dr. Athen Phom

Agriculture University

Medziphema, Nagaland

Email: [asarkan@nagalanduniversity.in](mailto:asarkan@nagalanduniversity.in)

PhNo: 9854338454

## 7. SCIENCE & TECHNOLOGY COMPONENT:

Adoption of technology is done while rendering training on the selected skills.

## 8. PEOPLE'S PARTICIPATION FROM PLANNING TO IMPLEMENTATION STAGE (WITH EMPHASIS ON EXTENT AND NATURE OF THEIR INVOLVEMENT IN TECHNOLOGY GENERATION/ MODIFICATION/TRANSFER/ADOPTION; CO-OPERATIVE FORMATIONS):

i) Discussed the benefits involving stakeholders in various stages of project planning and implementation. Emphasized on the role of participation in fostering ownership, sustainability, and effectiveness of initiatives.

ii) Developed training module for all the skills as per the directives of The National Skills Qualifications Framework (NSQF).

iii) Training provided on the skills and feedback form is developed to get feedback after completion of every batch to bring modification, improvement where ever necessary.

iv) Keeping mind of the local context, embroidery on the cloth bag, particular mushroom that is suitable for the environment are made.

## 8 A) LIST OF BENEFICIARIES WITH CONTACT DETAILS

Srl No	Name	Cast	email Address	District	Phone No
1	Neiwuu	ST	<a href="mailto:sandipncte31@gmail.com">sandipncte31@gmail.com</a>	LONGLENG	8731927294
2	Kaomei Mukho	ST	<a href="mailto:mukhokaome34@gmail.com">mukhokaome34@gmail.com</a>	KOHIMA	9366877409
3	Neiteweu Chiero	ST	<a href="mailto:ateweuchiero@gmail.com">ateweuchiero@gmail.com</a>	PHEK	8132871184
4	Nusatolu Swiho	ST	<a href="mailto:swihonusatolu@2gmail.com">swihonusatolu@2gmail.com</a>	ZUNHEBOTO	9862039289
5	Toli Zhimomi	ST	<a href="mailto:tolizhimomi5@gmail.com">tolizhimomi5@gmail.com</a>	TUENSANG	8837343870
6	Lumperila Thonglaru	ST	<a href="mailto:numperilathonger@gmail.com">numperilathonger@gmail.com</a>	KOHIMA	6009884585
7	Tham	ST	<a href="mailto:sandipncte31@gmail.com">sandipncte31@gmail.com</a>	KOHIMA	8837301231
8	L. Haan	ST	<a href="mailto:haanhappy98@gmail.com">haanhappy98@gmail.com</a>	KIPHIRE	8787725699
9	Sulila Jacquelen Vongzulu	ST	<a href="mailto:sulila333@gmail.com">sulila333@gmail.com</a>	KOHIMA	8798388050
10	Kedukhro U Thopi	ST	<a href="mailto:kedukhrouthoti4@gmail.com">kedukhrouthoti4@gmail.com</a>	KOHIMA	8258915753
11	Opangmenla Jamir	ST	<a href="mailto:jamiropangmen@gmail.com">jamiropangmen@gmail.com</a>	PHEK	8794258994
12	Rukukholu	ST	<a href="mailto:kukholusapu@gmail.com">kukholusapu@gmail.com</a>	PHEK	7005402401
13	Mesuwe U	ST	<a href="mailto:sandipncte31@gmail.com">sandipncte31@gmail.com</a>	PHEK	7005450174

14	Wecheu Khamo	ST	<a href="mailto:sandipncte31@gmail.com">sandipncte31@gmail.com</a>		7085472849
15	Chahtong H Konyak	ST	<a href="mailto:chahtonghkonyak@gmail.com">chahtonghkonyak@gmail.com</a>	KOHIMA	9366472832
16	Eneito T Kapfo	ST	<a href="mailto:kafficapfo@gmail.com">kafficapfo@gmail.com</a>	KOHIMA	8171900438
17	Keneisevor Chuzho	ST	<a href="mailto:aneichuzho@gmail.com">aneichuzho@gmail.com</a>	KOHIMA	9089321993
18	Wewe Lasuh	ST	<a href="mailto:wewelasuho01@gmail.com">wewelasuho01@gmail.com</a>	KOHIMA	9089976696
19	Bumetkelap K. Chang	ST	<a href="mailto:bumetchangoffical@gmail.com">bumetchangoffical@gmail.com</a>	KOHIMA	8259927978
20	Takumeren Y	ST	<a href="mailto:ongtaku@gmail.com">ongtaku@gmail.com</a>	TUENSANG	7085473742
21	Y Seili Sangtam	ST	<a href="mailto:seilithonger@gmail.com">seilithonger@gmail.com</a>	TUENSANG	7983382019
22	Ruuzezo Medoze	ST	<a href="mailto:medozeismysurname@gmail.com">medozeismysurname@gmail.com</a>	TUENSANG	8787585667
23	L Tsongtsa Khiamningan	ST	<a href="mailto:tsongtsankothaiam25@gmail.com">tsongtsankothaiam25@gmail.com</a>	DIMAPUR	9366298305
24	Beto K Swu	ST	<a href="mailto:betoswu111@gmail.com">betoswu111@gmail.com</a>	MON	8787737919
25	BESUKHO KHAMO	ST	<a href="mailto:besukh@gmail.com">besukh@gmail.com</a>	DIMAPUR	7005772203
26	Benjamin Konyak	ST	<a href="mailto:benjivangsa97@gmail.com">benjivangsa97@gmail.com</a>	KOHIMA	7627921337
27	NUSUTO LOHE	ST	<a href="mailto:atonusutolohe01@gmail.com">atonusutolohe01@gmail.com</a>	MON	6009199905
28	SOIHAM	ST	<a href="mailto:sohiamkamer16@gmail.com">sohiamkamer16@gmail.com</a>	PHEK	6909939979
29	Ato Khiphur	ST	<a href="mailto:atokips79@gmail.com">atokips79@gmail.com</a>	PEREN	8787629788
30	Aosenla.T.Pongen	ST	<a href="mailto:aoatipongan@gmail.com">aoatipongan@gmail.com</a>	KOHIMA	8787828929
31	CHESEZO U	ST	<a href="mailto:cheselemekrisuh@gmail.com">cheselemekrisuh@gmail.com</a>	KOHIMA	9233668773
32	Kamsola Yimchunger	ST	<a href="mailto:kamsolayim407@gmail.com">kamsolayim407@gmail.com</a>	KOHIMA	8131065749
33	Makumwangliu Newmai	ST	<a href="mailto:makumliu@gmail.com">makumliu@gmail.com</a>	KOHIMA	8119060184
34	Lika W.Achumi	ST	<a href="mailto:likawachumi144@gmail.com">likawachumi144@gmail.com</a>	TAMENGLONG	7628848592
35	Medoseno Veronica Yhoshu	ST	<a href="mailto:medosenoyhoshu@gmail.com">medosenoyhoshu@gmail.com</a>	ZUNHEBOTO	9089559426
36	Lydia Seb	ST	<a href="mailto:seblydia4@gmail.com">seblydia4@gmail.com</a>	KOHIMA	986282734
37	Viwhekhonuo Vielie	ST	<a href="mailto:anganov92@gmail.com">anganov92@gmail.com</a>	DIMAPUR	6909784825
38	TIAMONGLA AIER	ST	<a href="mailto:tiamongla98@gmail.com">tiamongla98@gmail.com</a>	KOHIMA	9774592273
39	Juving N. Khiamniungan	ST	<a href="mailto:juvingshiu@gmail.com">juvingshiu@gmail.com</a>	DIMAPUR	8974535172
40	Toshirenla	ST	<a href="mailto:arenimsongg@gmail.com">arenimsongg@gmail.com</a>	KIPHIRE	7005589431
41	ILLIKA G ZHIMO	ST	<a href="mailto:zhimoillika09@gmail.com">zhimoillika09@gmail.com</a>	DIMAPUR	8974983516
42	Vilavinuo Yiese	ST	<a href="mailto:kgmlavs@gmail.com">kgmlavs@gmail.com</a>	ZUNHEBOTO	8974410017
43	Khiungtsula.R	ST	<a href="mailto:khiungtsula1122@gmail.com">khiungtsula1122@gmail.com</a>	KOHIMA	8730943917
44	Tszozolu Thingo	ST	<a href="mailto:thingolu@gmail.com">thingolu@gmail.com</a>	TUENSANG	9366089911
45	Chetilou	ST	<a href="mailto:achelemeks@gmail.com">achelemeks@gmail.com</a>	KOHIMA	8732891636
46	Liekhroveu Doulo	ST	<a href="mailto:lekhroved@gmail.com">lekhroved@gmail.com</a>	PHEK	9089697273
47	Tekhebeu	ST	<a href="mailto:mekrisuhtekasu@gmail.com">mekrisuhtekasu@gmail.com</a>	PHEK	9863263148
48	L Lemya Konyak	ST	<a href="mailto:llemyakonyak944@gmail.com">llemyakonyak944@gmail.com</a>	KOHIMA	9612780002
49	MONGSHAI	ST	<a href="mailto:mongshai.lam22@gmail.com">mongshai.lam22@gmail.com</a>	MON	8974510327
50	Aloni	ST	<a href="mailto:allowamiawomi@gmail.com">allowamiawomi@gmail.com</a>	TUENSANG	9366642361
51	Ruokuovinuo Chielie	ST	<a href="mailto:ruokuobinuo15@gmail.com">ruokuobinuo15@gmail.com</a>	ZUNHEBOTO	9077871932
52	THRITINGLA	ST	<a href="mailto:chenchingshakhu@gmail.com">chenchingshakhu@gmail.com</a>	KOHIMA	7005395664
53	Sangsuangwiliu Abonmai	ST	<a href="mailto:asang7514@gamil.com">asang7514@gamil.com</a>	KIPHIRE	9118901114
54	Anula Sangtam	ST	<a href="mailto:anasangtam@gmail.com">anasangtam@gmail.com</a>	SENAPATI	7906080923
55	Vonchibeni Odyuo	ST	<a href="mailto:ateroodyuo111@gmail.com">ateroodyuo111@gmail.com</a>	KOHIMA	9383390846
56	Kwiechu Fithu	ST	<a href="mailto:kwiechufithu@gmail.com">kwiechufithu@gmail.com</a>	KOHIMA	8414005812

57	Walem Shahlushu	ST	<a href="mailto:walemkoz@gmail.com">walemkoz@gmail.com</a>	KOHIMA	6009631652
58	Sumitra Thapa	ST	<a href="mailto:tamangsumitra494@gmail.com">tamangsumitra494@gmail.com</a>	KOHIMA	6009098426
59	Toingam C Konyak	ST	<a href="mailto:kekemeyase@gmail.com">kekemeyase@gmail.com</a>	KOHIMA	6909861924
60	Ketoueinuo	ST	<a href="mailto:ketoueinuo2023@gmail.com">ketoueinuo2023@gmail.com</a>	KOHIMA	7641939412
61	Kikrupfeu Khana	ST	<a href="mailto:apfenuok@gmail.com">apfenuok@gmail.com</a>	KOHIMA	8259096864
62	Peniu	ST	<a href="mailto:peniu2023@gmail.com">peniu2023@gmail.com</a>	KOHIMA	8787470345
63	Neilasanuo	ST	<a href="mailto:abinuochiese@gmail.com">abinuochiese@gmail.com</a>	KOHIMA	9362356634
64	Zuluinla	ST	<a href="mailto:zulultr12@gmail.com">zulultr12@gmail.com</a>	KOHIMA	7641842062
65	Kikrusenuo Kezie o	ST	<a href="mailto:kikrusenuokezieo@gmail.com">kikrusenuokezieo@gmail.com</a>	KOHIMA	9863120628
66	Vilatuonuo Lhousi	ST	<a href="mailto:ketuokhrabz@gmail.com">ketuokhrabz@gmail.com</a>	KOHIMA	87874582
67	Ratolu Swuro	ST	<a href="mailto:ratolu750@gmail.com">ratolu750@gmail.com</a>	SENAPATI	9863283936
68	Kaisa	ST	<a href="mailto:kaisathaoli@email.com">kaisathaoli@email.com</a>	SENAPATI	8974280227
69	Sazhone	ST	<a href="mailto:sazhonerose@gmail.com">sazhonerose@gmail.com</a>	SENAPATI	6009119769
70	D Khane Ester	ST	<a href="mailto:khaneester942@gmail.com">khaneester942@gmail.com</a>	KOHIMA	9077638412
71	Sentilemla	ST	<a href="mailto:sentiimsong999@gmail.com">sentiimsong999@gmail.com</a>	SENAPATI	8787382133
72	Th.Rovihrii	ST	<a href="mailto:rovichodi@gmail.com">rovichodi@gmail.com</a>	MON	6009330799
73	Nonlong L Konyak	ST	<a href="mailto:salymyawao@gmail.com">salymyawao@gmail.com</a>	KOHIMA	897465056
74	Chaba Chang	ST	<a href="mailto:imlongchabachangn@gmail.com">imlongchabachangn@gmail.com</a>	DIMAPUR	8837030313
75	Iteuhungle Iralu	ST	<a href="mailto:iteuhungleiralu@gmail.com">iteuhungleiralu@gmail.com</a>	KOHIMA	7005302789
76	Purlenzung	ST	<a href="mailto:plongkumer@gmail.com">plongkumer@gmail.com</a>	KOHIMA	9925534659
77	IMSUYATET	ST	<a href="mailto:yatets@gmail.com">yatets@gmail.com</a>	KOHIMA	8974849589
78	Manto Konyak	ST	<a href="mailto:mantonaga123@gmail.com">mantonaga123@gmail.com</a>	KOHIMA	8787371544
79	Aboto	ST	<a href="mailto:edwardsteven73@gmail.com">edwardsteven73@gmail.com</a>	KOHIMA	9366344399
80	Mewete Melvin Thopi	ST	<a href="mailto:thopimel@gmail.com">thopimel@gmail.com</a>	KOHIMA	7628947245
81	LONGKOIMARY	ST	<a href="mailto:chiulongkoi@gmail.com">chiulongkoi@gmail.com</a>	KOHIMA	8257843855
82	Heiriagumle	ST	<a href="mailto:heiriagumleliegise6223@gmail.com">heiriagumleliegise6223@gmail.com</a>	KOHIMA	8259865155
83	Thungchibemo N Murry	ST	<a href="mailto:tmurrythung@gmail.com">tmurrythung@gmail.com</a>	KOHIMA	700597925
84	Soreni N Ezung	ST	<a href="mailto:sourezung@gmail.com">sourezung@gmail.com</a>	KOHIMA	813287688
85	Sonam N Phom	ST	<a href="mailto:sonamphomn@gmail.com">sonamphomn@gmail.com</a>	KOHIMA	7005324099
86	Keleseto Angami	ST	<a href="mailto:keleseto.angami123@gmail.com">keleseto.angami123@gmail.com</a>	KOHIMA	9366849605
87	Wochumbeni Ngullie	ST	<a href="mailto:wochumngullie0384@gmail.com">wochumngullie0384@gmail.com</a>	KOHIMA	8794580426
88	P Libo Livia Assumi	ST	<a href="mailto:souchuthongouri@gmail.com">souchuthongouri@gmail.com</a>	TUENSANG	9862565096
89	Keheingaule	ST	<a href="mailto:kesurhozeln@gmail.com">kesurhozeln@gmail.com</a>	ZUNHEBOTO	7085839439
90	NEIPHREZONUO TSEIKHA	ST	<a href="mailto:aphretseikha@gmail.com">aphretseikha@gmail.com</a>	KOHIMA	811892579
91	Zibia A Yeptho	ST	<a href="mailto:zibiayeps@gmail.com">zibiayeps@gmail.com</a>	ZUNHEBOTO	7085446034
92	KENEISEDENUO	ST	<a href="mailto:keneiangami23@gmail.com">keneiangami23@gmail.com</a>	KOHIMA	9077645387
93	Lungnincyle	ST	<a href="mailto:lungnincylen@gmail.com">lungnincylen@gmail.com</a>	KOHIMA	8413079601
94	Zuinla Jamir	ST	<a href="mailto:zuinlajamir97@gmail.com">zuinlajamir97@gmail.com</a>	KOHIMA	8575663835
95	Medoselu Vero	ST	<a href="mailto:medoseluvero@gmail.com">medoseluvero@gmail.com</a>	KOHIMA	8731836189
96	Diezenino Terhuja	ST	<a href="mailto:tdiezen@gmail.com">tdiezen@gmail.com</a>	KOHIMA	6909621422
97	Duchifi Pichhurii	ST	<a href="mailto:dpichhuru@gmail.com">dpichhuru@gmail.com</a>	PHEK	9862825044
98	Thejanuo Kire	ST	<a href="mailto:ajanuokire97@gmail.com">ajanuokire97@gmail.com</a>	KOHIMA	7005363213
99	Salomi Sema	ST	<a href="mailto:samivency@gmail.com">samivency@gmail.com</a>	KOHIMA	700541512
100	Kajensungla	ST	<a href="mailto:kikisan917@gmail.com">kikisan917@gmail.com</a>	DIMAPUR	708551411
101	SENTISANGLA HONGMANG	ST	<a href="mailto:sentisanglachang12@gmail.com">sentisanglachang12@gmail.com</a>	KOHIMA	8729914846
102	Rhondeno P Murry	ST	<a href="mailto:rhondenomurry@gmail.com">rhondenomurry@gmail.com</a>	WOKHA	9383197305



103	Thungchibeni T Erui	ST	thungchibeniterui@gmail.com	KOHIMA	8794196778
104	AMENLA PONGEN	ST	amenpongen01@gmail.com	KOHIMA	9774256293
105	Yeihpang Konyak	ST	<a href="mailto:yeihpang@gmail.com">yeihpang@gmail.com</a>	KOHIMA	7630877383
106	Tiajungla	ST	<a href="mailto:ajungtzudir@gmail.com">ajungtzudir@gmail.com</a>	KOHIMA	879443579
107	Thungrhoni L Ngullie	ST	thungrhoningullie06@gmail.com	KOHIMA	8837261483

## 8 B) DETAILS OF SELF-HELP GROUPS MADE & THEIR BUSINESS PLANS

Name : KRK Handicraft

Address: New Market, Kohima, Nagaland, 797001

Members: i) Th. Rovihrii

ii) Kaisa

iii) Sazhone

iv) D Khane Ester

email: kaisathaoli@email.com

Phone No: 8974280227

This is basically a cloth tailoring shop established by four educated unemployed ST women who have undergone training. They take order from the public on cloth stitching. On their free time they stich cloth bag embossed with local blog. There is a high demand of such bag in the market.

**9. IMPACT ANALYSIS WITH INDICATORS (QUALITATIVE & QUANTITATIVE DETAILS; TECHNO ECONOMIC VIABILITY; IMPROVEMENT IN PRODUCTIVITY: QUALITY & QUANTITY/INCOME GENERATION/LIVING STANDARD/SKILL UPGRADATION & MANAGERIAL CAPABILITY/ENVIRONMENTAL CONDITIONS/PERSONNEL TRAINED, IMPROVEENT IN THE WEAKEST LINK OF THE PREDOMINANT LIVELIHOOD SYSTEM AND PROMOTION OF SOCIAL ENTREPRENEURSHIP AND WOMEN EMPLOYMENT BASED ON THE STRONGEST LINK OF THE LIVELIHOOD SYSTEM (AS THE CASE MAY BE):**

i) Economic Impact:

**Increase in Income:** The participant who have acquired skills, more than 30% of them have started working at own or working under an establishment enhancing their income per month. These engaged individual are jobless and unemployed before getting the training.

**Employment Opportunities:** The individuals who have not yet engaged in any are looking for engagement opportunity whenever arisen.

**Market Access:** Being Kohima is the capital city of Nagaland, there are maximum opportunity for the individuals to get access to marketing their products.

ii) Social Impact:

**Empowerment:** The individual who have acquired skills are now confident, they have decision-making autonomy, and sense of self-worth.

**Social Cohesion:** Through formation of SHG a social networks has established and cooperative relationships among participants and within their communities.

Gender Equality: Before undergoing training the unemployed educated women are confined to domestic help or seasonal field help but after the training they could think for self dependent , economical autonomy. This training programs has promoted gender equality by providing equal opportunities for men and women.

iii) Environmental Impact:

Sustainable Practices: Assess participants' adoption of sustainable practices in sewing or mushroom cultivation, such as waste reduction, recycling, and organic farming techniques.

Environmental Awareness: Measure participants' knowledge and awareness of environmental issues related to their respective industries.

iv) Technical Skills: As the participant has acquired skill they are now treated as skilled person and can have self-establishment or may employed by established entrepreneur.

v) Community Development:

Local Economic Development: Participant can contribution of sewing and mushroom cultivation activities to local economic development, including job creation and income generation.

Community Participation: Participant may encourage other members of the society in the community engagement and participation in supporting sewing and mushroom growing initiatives.

## **9. a) PLEASE GIVE TECHNO FEASIBILITY REPORT, BUSINESS MODEL INDICATING ABOVE PARAMETERS, PROFIT POTENTIAL, RAW MATERIAL REQUIREMENT, LAND AND OTHER RESOURCES REQUIREMENT,**

### **MARKETING STRATEGY**

i) Technology Feasibility Report:

Sewing Machine Operator Training: The technology required for sewing machine operation training includes industrial-grade sewing machines, cutting tables, and other sewing equipment. These technologies are readily available and widely used in the garment industry in and around Kohima.

Mushroom Grower Skills Training: Mushroom cultivation requires basic infrastructure such as growing houses, substrate materials (e.g., compost, sawdust), mushroom spawn, and temperature and humidity control systems. These technologies are feasible for implementation in both rural and urban settings of Kohima.

ii) Business Model:

Training Services: Offer comprehensive training programs for sewing machine operators and mushroom growers, covering technical skills, business management, and marketing.

Revenue Streams: Generate revenue through training fees, consultancy services, and sale of training materials and resources.

Target Market: Target aspiring entrepreneurs, small-scale garment manufacturers, farmers, and agricultural enthusiasts interested in mushroom cultivation.

Partnerships: Collaborate with local governments, SHGs, NGOs, and industry associations to access funding, resources, and support for training initiatives.

iii) Profit Potential:

Sewing Machine Operator Training: Profit potential lies in offering value-added services such as advanced training modules, certification programs, and job placement assistance. Additionally, revenue can be generated through the sale of garments produced by trained operators.

Mushroom Grower Skills Training: Profit potential includes income generated from mushroom sales, value-added products (e.g., dried mushrooms, mushroom-based snacks), and consultancy services for mushroom cultivation projects.

iv) Raw Material Requirement:

Sewing Machine Operator Training: Raw materials include sewing machine parts and accessories, fabric samples, thread, needles, and other sewing supplies.

Mushroom Grower Skills Training: Raw materials include mushroom spawn, substrate materials (e.g., straw, sawdust), packaging materials, and equipment for growing and harvesting mushrooms.

v) Land and Other Resources Requirement:

Sewing Machine Operator Training: Training facilities require space for classrooms, sewing workshops, and storage areas for equipment and materials.

Mushroom Grower Skills Training: Growing houses or structures for mushroom cultivation, along with access to water, electricity, and ventilation systems.

vi) Marketing Strategy:

Online Presence: Establish a website and social media profiles to promote training programs, showcase success stories, and engage with potential participants.

Community Outreach: Partner with local organizations, schools, and community centers to conduct awareness campaigns and recruit participants from target communities.

Networking: Attend industry events, trade shows, and networking forums to connect with potential clients, partners, and stakeholders.

Testimonials and Referrals: Leverage satisfied participants to provide testimonials and referrals, building credibility and trust in the training programs.

By implementing this comprehensive business model and marketing strategy, the sewing machine operator and mushroom grower skills training initiatives can capitalize on the growing demand for vocational training and entrepreneurship development opportunities, contributing to economic empowerment and sustainable livelihoods in communities.

**9. b) BUSINESS MODEL EVOLVED (YES/NO)**

Not yet

**9. c) BUSINESS PLAN & TECHNOLOGY TRANSFER**

Not yet

**10. SCIENTIFIC COMPONENT (NEW TECHNOLOGY GENERATION/ INNOVATIVENESS IN TERMS OF LOW COST/DESIGN/ENVIRONMENTAL**

FRIENDLY ETC; REPLICABILITY POTENTIAL & MULTIPLIER EFFECT IN NEARBY AREAS):

Does not arise

**10. a) VALUE ADDED PRODUCTS MADE, INNOVATIONS DONE IN THE EXISTING TECHNOLOGIES (GIVE DETAILS)**

Based on local demand, the cloth bag are embossed with Naga traditional themes. Looking into local demand a particular type of mushroom is promoted in the training.

**11. APPLYING FOR PATENT, IF ANY:**

No

**12. INDICATORS APPLIED AND QUANTITATIVE ACHIEVEMENTS FOR MONITORING:**

Following are the indicators:

1. Technologies/product/processes adapted and propagated -- Yes
2. Technologies/product/processes ready to transfer/commercialized--Yes
3. Number of total training programmes organised—details thereof title, duration – A Total of 5 training programme completed, each of duration three months.
4. Number of women beneficiaries trained and covered under project (Category-wise viz. Gen./SC/ST/EWS etc., District-wise, Age-groups wise percentages if applicable)  
A total 107 participant trained, all of them are ST women.
5. Number of social enterprise created/ nurtured-- One
6. R&D infrastructure, equipments created as part of the project-- Yes. Three rooms are equipped with the procured equipments and a green house is established for mushroom grow. Water reservoir is put into functional and one concrete reservoir for treating hay.
7. Technologies transferred if any—SHGs formed/enterprise formed—  
Number: 1  
Title: KKK Handicraft
8. Collaboration with any R&D institution—Details thereof - No
9. Reports generated/ research papers published/ Patent filed, if any---Details- Nil
10. Any dissemination booklets, manuals or films made—  
Title: Women Tecknology Park  
Details: During seminar leaflet are distributed to the participants. Manuals are developed for the different skills and handed to participant of the particular trade.
11. Road map for marketing of products – So far all the products produced are sold through “Exhibition cum sale” conducted in the institution and in a market place.
12. Contribution towards sustainable Development goals (SDGs) – Trained individuals can have earn for leaving.

13. National Missions (NMs) Alignment-- Nil
14. Number of trainees: 107
15. Possibility of forward & backward linkages
16. Sustainability plan
17. SHGs formed/nurtured -- One
18. Permanent equipment retained judiciously utilized-- Yes
19. Standardization of various skills and training programmes (National Skill Qualification Framework)—Yes

**13. FOLLOW UP ACTION (POST PROJECT)**

After completion of the project, the institute will act as a knowledge center and resource for disseminating information on the various skills.

**14. SUSTAINABILITY OF THE PROJECT:**

The amount received after selling product will help to maintain equipment and procure raw materials for continuation of the skill training.

**15. CONSTRAINTS FACED DURING PROJECT IMPLEMENTATION & SUGGESTIONS FROM PI:**

Nil so far

**16. CONCLUSION:**

The sewing machine operator and mushroom grower skills training programs represent a significant opportunity to empower individuals, promote entrepreneurship, and foster sustainable development in communities. Through these initiatives, participants gain valuable technical skills, business knowledge, and market access, enabling them to pursue livelihood opportunities and improve their economic well-being.

The success of these training programs lies in their ability to address the specific needs and aspirations of participants, providing them with practical skills and resources to thrive in their respective industries. By leveraging technology, partnerships, and innovative approaches, these programs can create a positive impact on individuals, families, and communities.

Furthermore, the sewing machine operator and mushroom grower skills training initiatives contribute to broader goals of poverty alleviation, gender empowerment, and environmental sustainability. By promoting inclusive growth and equitable access to training opportunities, these programs help build resilient and self-reliant communities.

In conclusion, the sewing machine operator and mushroom grower skills training programs hold immense potential to drive social and economic development, enhance livelihoods, and create lasting positive change. By continuing to invest in these initiatives and supporting the

growth of skilled workforce and entrepreneurship, we can build a more prosperous and equitable society for all.

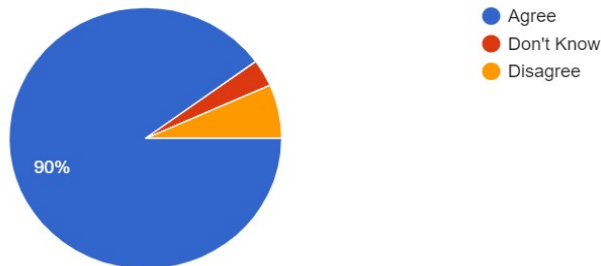
## 17. FEED BACK & ITS ANALYSIS FROM THE WOMEN PARTICIPANTS/ BENEFICIARIES OF PROJECT

The collected feedback after completion of training programme is encouraging and the only negative feedback and suggestion received is about time constrain. That is the trainee shows interest in such programme and they want the time duration of the programme to be enhanced. Some of the feedback as under:

1. The workshop was applicable to me:



2. The program was well paced within the allotted time



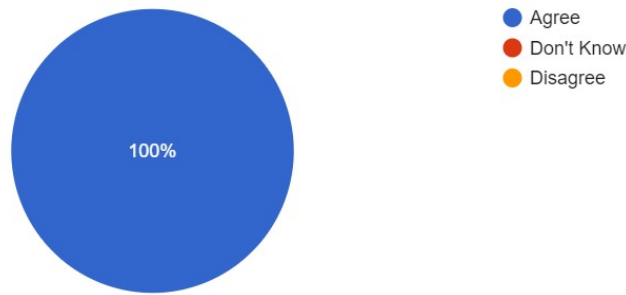
3. The instructors were good to follow



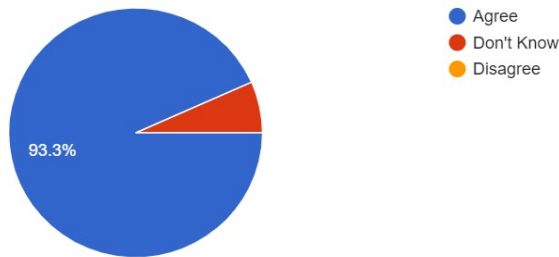
4. The demonstrations were presented in an organized manner



5. The instructors were knowledgeable on the topics



6. The time and place of conduct is Good.



## **18. FUTURE PLANS OF THE INSTITUTION ABOUT THE USAGE OF CAPITAL EQUIPMENT AND FOR TAKING THE PROGRAMME FURTHER.**

The amount received after selling product will help to maintain equipment and procure raw materials for continuation of the skill training.

### **i) Expansion of Training Facilities:**

Invest in additional capital equipment and infrastructure to expand training facilities for sewing machine operators and mushroom growers.

Construct new classrooms, workshops, and growing houses to accommodate a larger number of participants and offer advanced training modules.

### **ii) Diversification of Training Programs:**

Introduce new training programs and courses to cater to emerging market demands and industry trends.

Explore opportunities to offer specialized training in other vocational fields related to agriculture, garment manufacturing, and small-scale entrepreneurship.

### **iii) Technology Integration:**

Incorporate advanced technologies such as computerized sewing machines, automated mushroom cultivation systems, and digital training resources into the training curriculum.

Collaborate with industry partners and technology providers to stay updated on the latest innovations and best practices in sewing and mushroom cultivation.

### **iii) Capacity Building and Professional Development:**

Provide ongoing capacity building and professional development opportunities for trainers and staff members.

Organize workshops, seminars, and training sessions to enhance teaching skills, technical expertise, and program management capabilities.

iv) Market Linkages and Business Support:

Strengthen partnerships with local markets, garment manufacturers, agricultural cooperatives, and other stakeholders to create market linkages for trained participants.

Offer business incubation services, mentorship programs, and access to microfinance opportunities to support participants in starting and scaling their businesses.

v) Research and Development:

Conduct research and development activities to explore new techniques, products, and value-added opportunities in sewing and mushroom cultivation.

Collaborate with academic institutions, research organizations, and industry experts to undertake applied research projects and pilot initiatives.

vi) Sustainability and Impact Assessment:

Implement robust monitoring and evaluation mechanisms to track the long-term impact of training programs on participants' livelihoods, income levels, and social well-being.

Conduct regular sustainability assessments to ensure that training initiatives are environmentally sustainable and contribute to community resilience.

vii) Advocacy and Policy Engagement:

Advocate for supportive policies and regulatory frameworks that promote vocational training, entrepreneurship development, and small-scale industries.

Engage with government agencies, policymakers, and advocacy groups to advocate for the recognition and support of vocational training as a key driver of economic development.

By implementing these future plans, the institution aims to further enhance its impact, reach, and sustainability, ultimately empowering individuals, strengthening communities, and contributing to inclusive growth and development.



**Photos Gallery:**



Sewing Machine class





Certificate Distribution by Joint Director, DHE



Mushroom Growing Laboratory



Machine Distribution to SHG



Exhibition cum Sales Day of the Products



SHG – KRK Handicraft, New Market, Kohima